Philips
LCD widescreen monitor

22" wide
WSXGA+

220C1SB

Stylish, feature-packed display for computer entertainment

Stylish design and a host of smart features like SmartResponse and SmartImage elevate your viewing pleasure to new heights: be it gaming or Internet, the 220C1 is your best computer entertainment choice.

Best picture quality
- SmartResponse of 2 ms
- SmartContrast 30000:1 for incredible rich black details
- SmartImage: Optimised user-friendly display experience

Designed for elegance
- Glossy finish to enhance your decor
- Small footprint to blend into any lifestyle

Environmentally friendly green design
- TCO 5.0 guarantees the highest safety and ergonomic standard
- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials meet major International standards

Great convenience
- Dual input accepts both analogue VGA and digital DVI signals
- USB port for convenient peripheral connections
- Hassle-free display performance tuning with SmartControl II

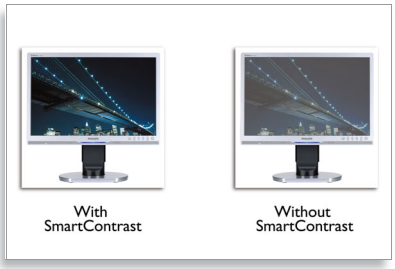
PHILIPS
sense and simplicity

LCD widescreen monitor
22" wide WSXGA+

220C1SB/00

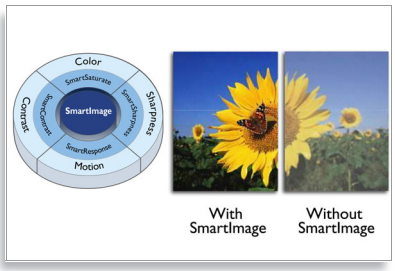
Highlights

SmartContrast ratio 30000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

SmartImage



SmartImage is an exclusive leading-edge Philips technology that analyses the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time and at the press of a single button.

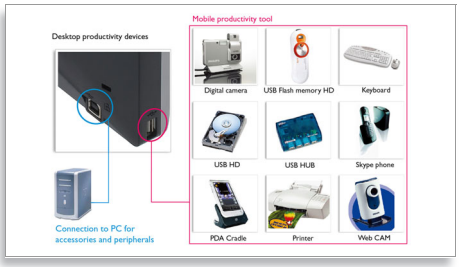
TCO 5.0 compliance

The new TCO 5.0 standard not only guarantees excellent picture quality and ergonomics, but also the lowest energy consumption and minimal usage of environmentally hazardous substances. Stringent controls on Electrical and Magnetic Field Emissions are applied so that you can work safely. Plastics variety is limited and is coded for easy identification during the recycling process, ensuring products have minimal climate and environmental impact during their lifecycle. Levels of chemicals that can affect users are also kept to a minimum. More about TCO certifications @http://www.tcodevelopment.com/

Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards and which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1 Watt power consumption, whereas Philips monitors consume less than 0.5 Watts. Further details can be obtained from www.energystar.gov

USB 2.0 port



The USB port allows the user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices that use USB connection. The conveniently located USB 2.0 port on the monitor allows USB 2.0 signals to pass through to the computer. Note that many devices like cameras and HDD may need to be powered on independently, as they have higher power requirements than the monitor USB port can provide.

SmartControl II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, colour calibration and other display settings including brightness, contrast, clock and phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 22 inch/55.9 cm
- Aspect ratio: 16:10
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 250 cd/m²
- SmartContrast: 30000:1
- Contrast ratio (typical): 1000:1
- SmartResponse: 2 ms (Grey to Grey)
- Response time (typical): 5 ms
- Optimum Resolution: 1680 x 1050 @ 60 Hz
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H)/56 -75 Hz (V)
- sRGB

Connectivity

- Signal Input: VGA (Analogue), DVI-D
- USB: USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green

Convenience

- User convenience: SmartImage, Brightness, Menu, Input, Auto, Auto picture, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, Mac OS X, sRGB

Stand

- Tilt: -5/+20 degree

Power

- ECO mode: < 19 W
- On mode: 22.5 W (EnergyStar 5.0 test method)
- Standby mode: <0.8 W
- Off mode: <0.5 W
- Power LED indicator: Operation - White, Standby/ sleep-white (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz

Dimensions

- Product with stand (mm): 425 x 508 x 201 mm
- Product without stand (mm): 344 x 508 x 69 mm
- Packaging in mm (WxHxD): 482 x 562 x 130 mm

Weight

- Product with stand (kg): 4.4 kg
- Product without stand (kg): 3.9 kg
- Product with packaging (kg): 6.2 kg

Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative Humidity: 20–80% %
- MTBF: 50,000 hour(s)

Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0

Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, SEMKO, TCO 5.0, UL/cUL

Cabinet

- Colour: Black
- Finish: Glossy

Issue date 2009-10-14

Version: 4.0.5

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